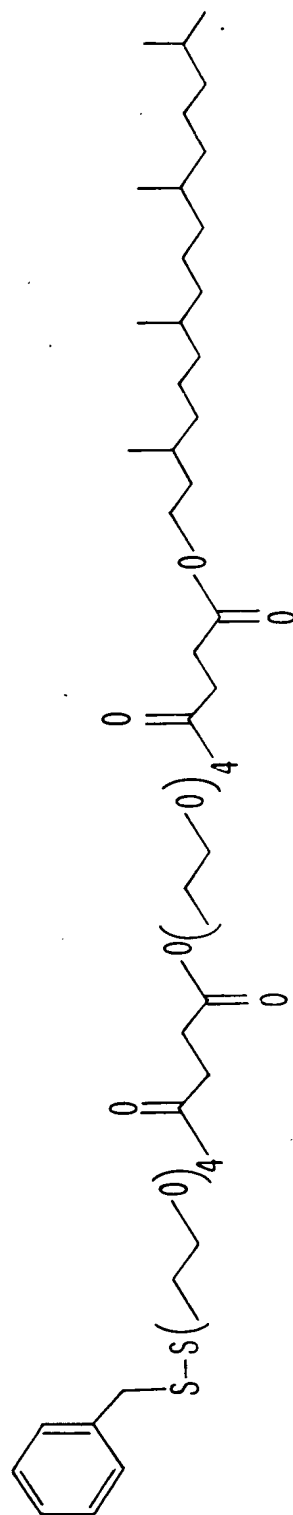
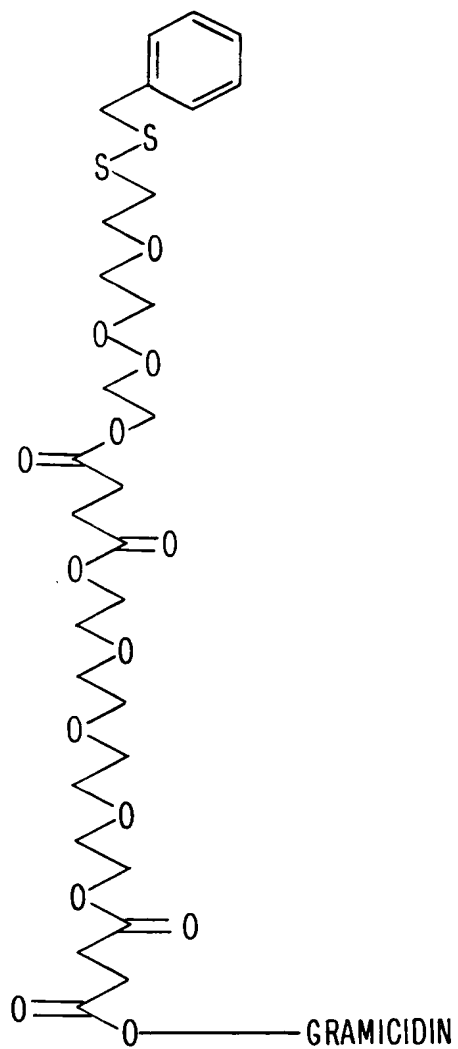


FIG. 1



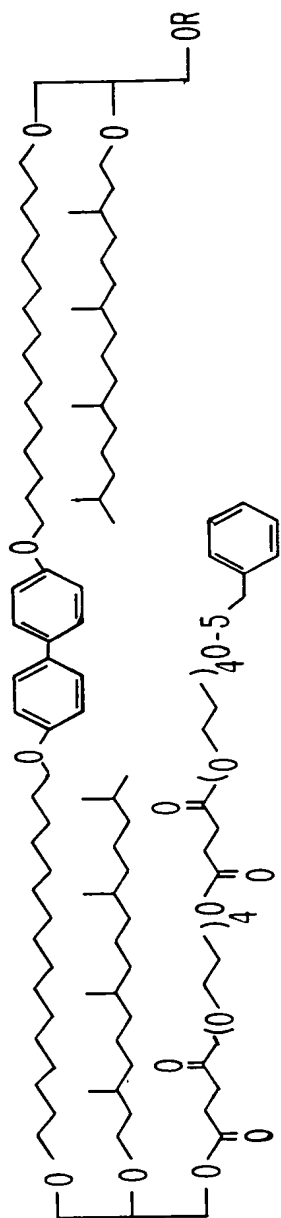
LINKER LIPID A



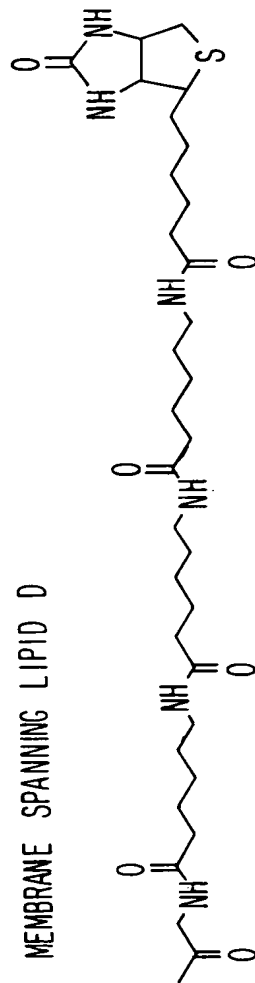
LINKER GRAMICIDIN B

FIG. 2

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MEMBRANE SPANNING LIPID D



MEMBRANE SPANNING LIPID C

FIG. 3

FIG. 4

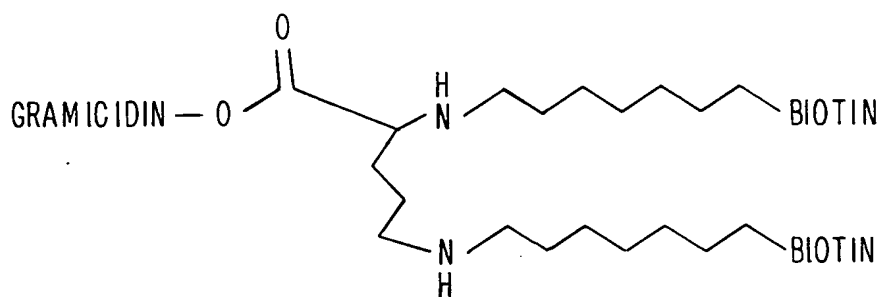


FIG. 5

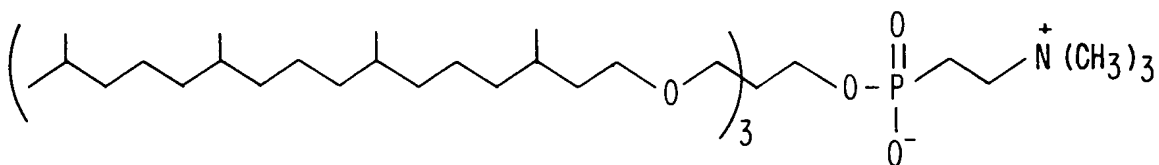


FIG. 6

1. The first part of the paper is devoted to a review of the literature on the topic. It starts with a general overview of the field, followed by a more detailed discussion of the specific issues at hand. The author then presents his own findings, which are based on a series of experiments and observations. Finally, he concludes with some thoughts on the implications of his work and suggests directions for future research.

FIG. 7B

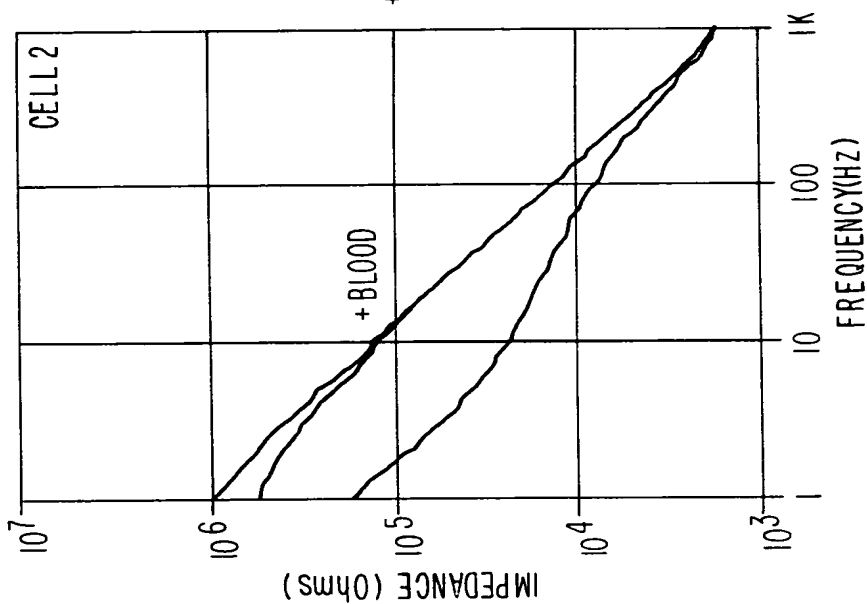


FIG. 7A

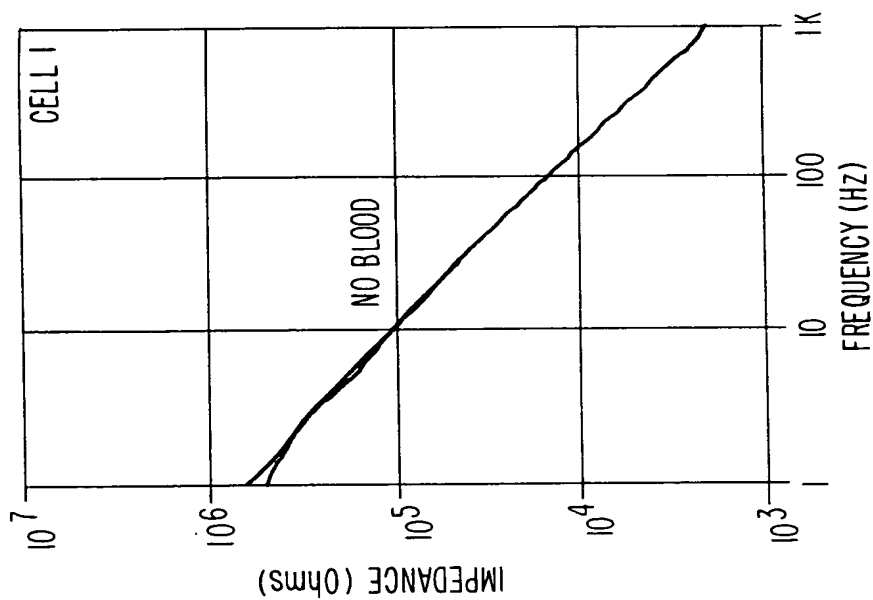


FIG. 7C

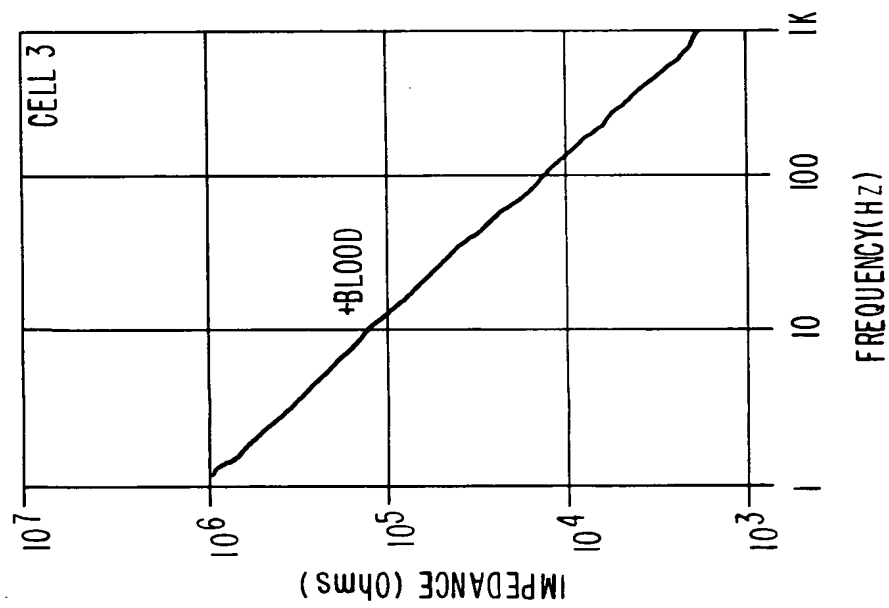
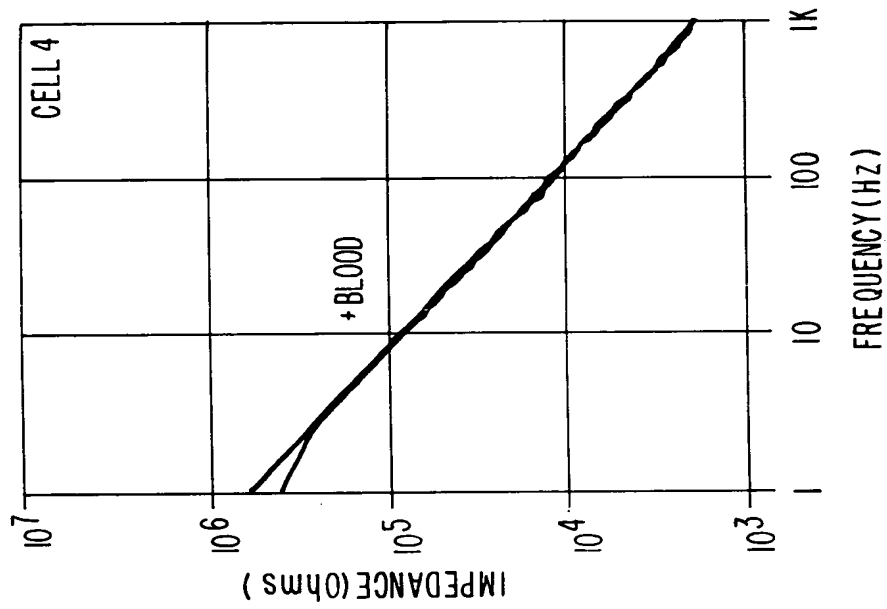


FIG. 7D



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NO VALINOMYCIN

FIG. 8

REPEATED CHALLENGE WITH BLOOD:
ALL MONOLAYERS, PBS WASH, + mM VAL

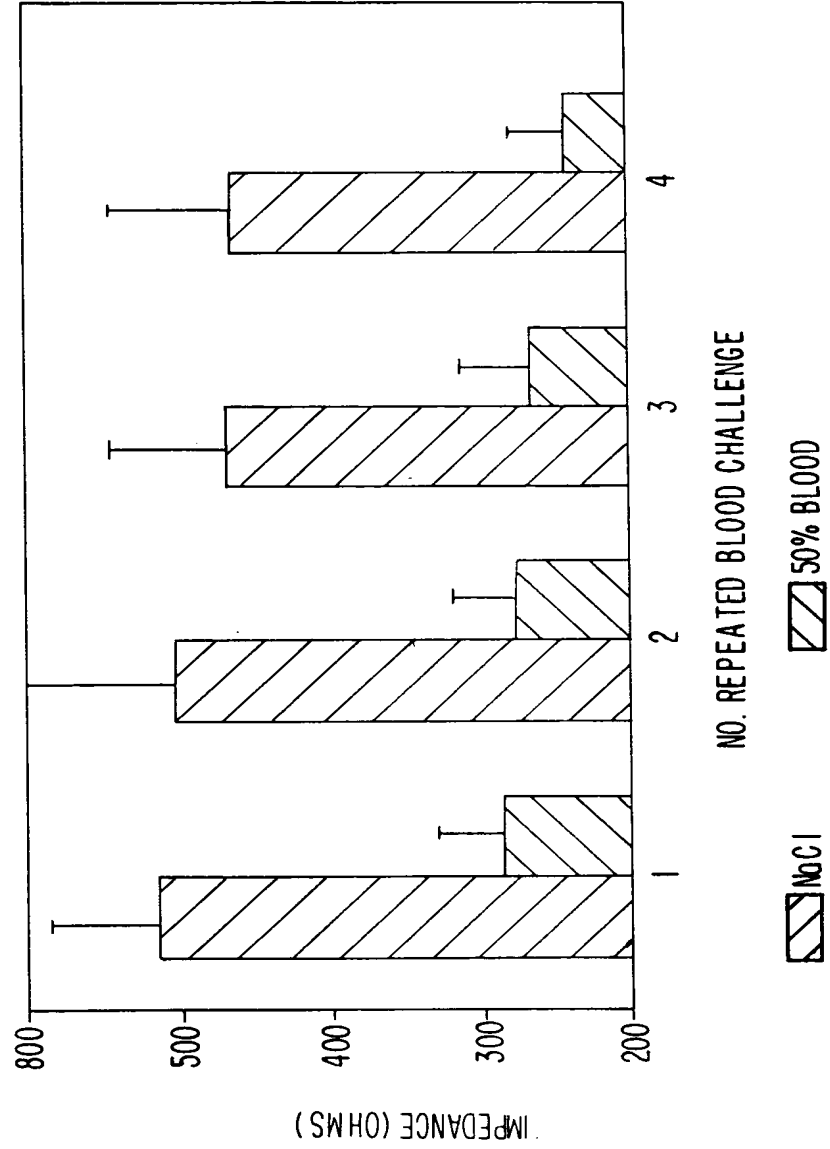
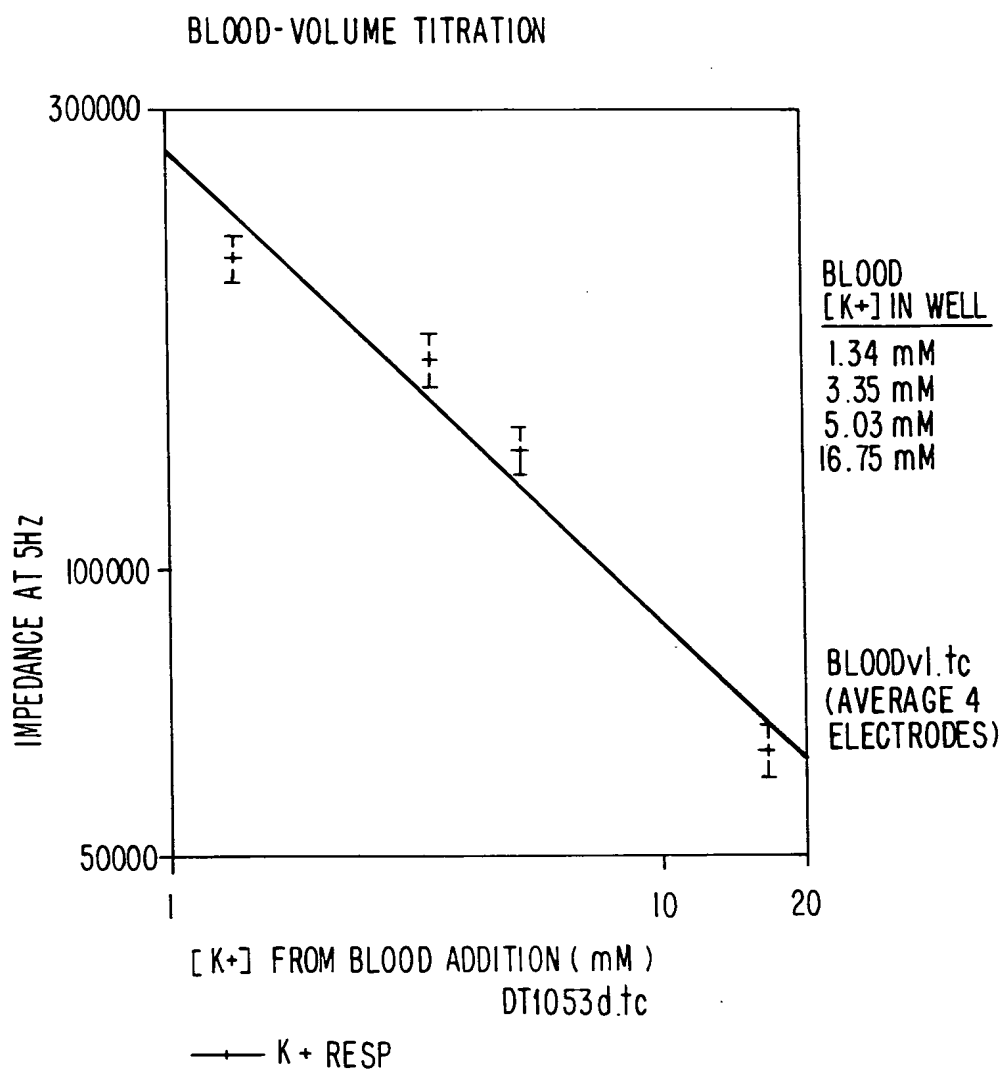


FIG. 9

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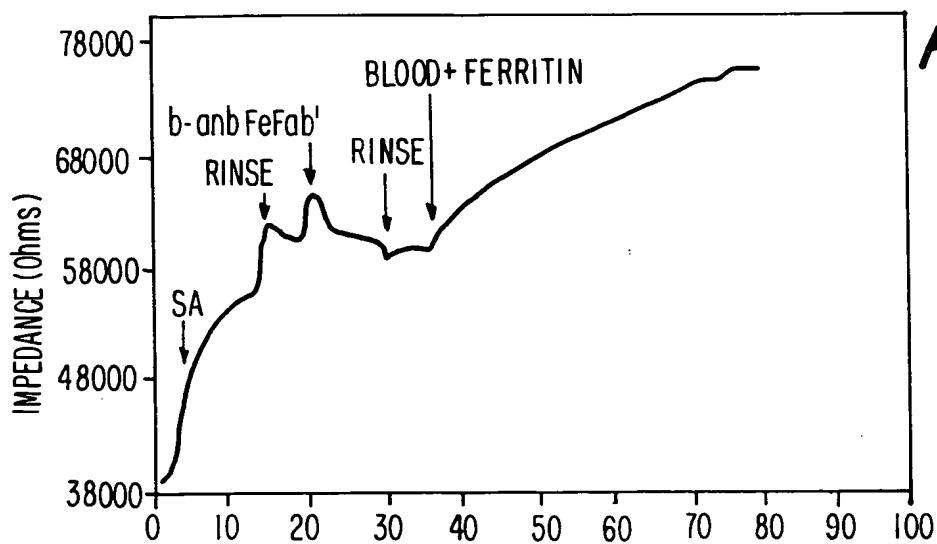
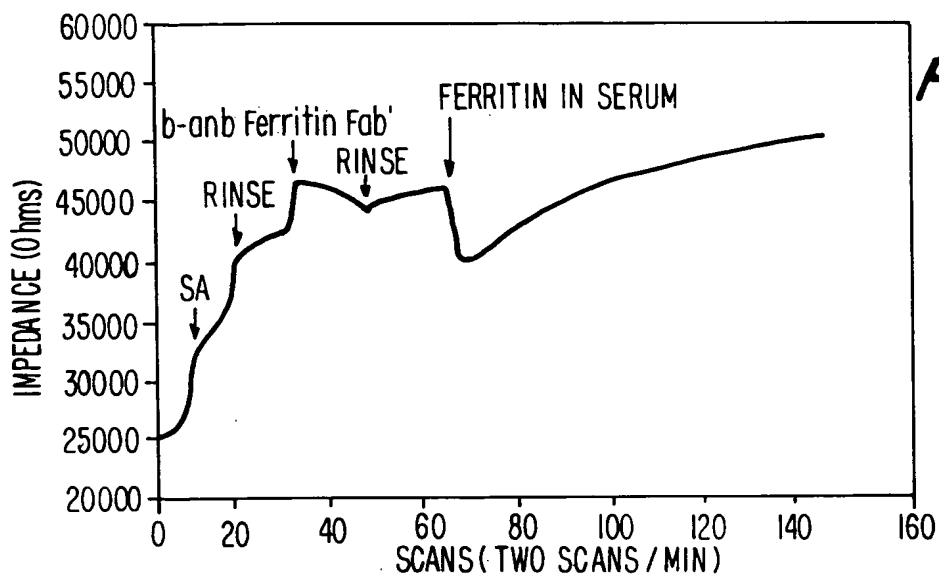
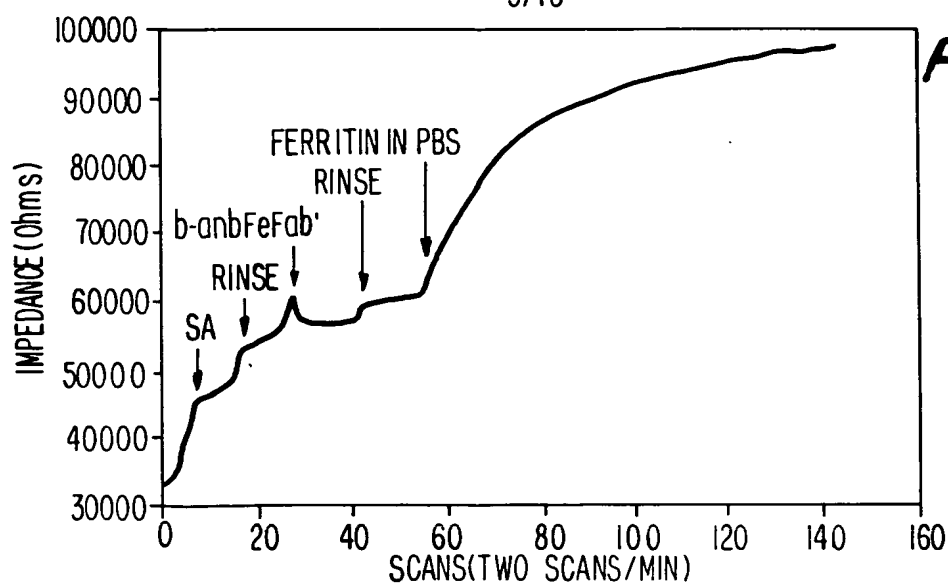


FIG. 10D

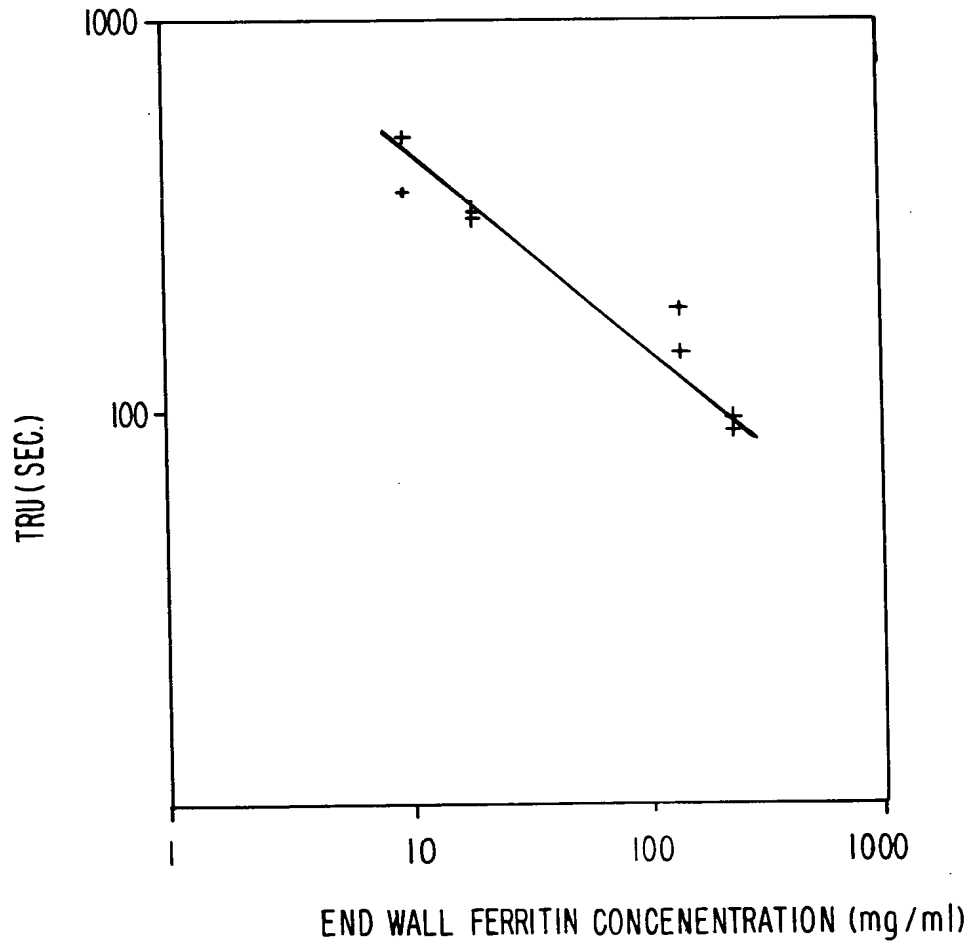
FIG. 10E

FIG. 10F

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FIG. 11

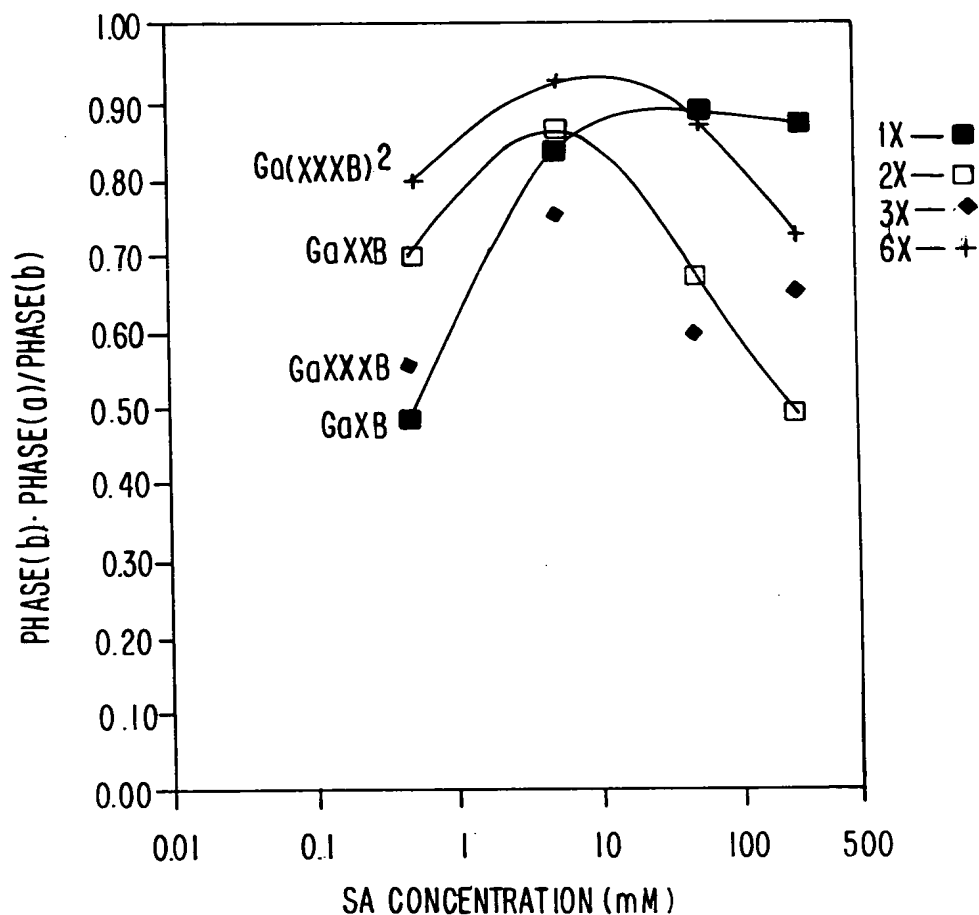
ENDOGENOUS SERUM FERRITIN DETECTION
FROM 4 DIFFERENT VOLUNTEERS



652070-6692250

FIG. 12

SA TITRATION WITH VARIOUS GaX..B

METHOD: 5/4 MEMBRANES

1st LAYERS: 10mM GMPE

1 mM DLP

10 uM MSLXXB

0.8 mM MAAD

0.1 uM GaYYSS

2nd LAYERS: 28 mM GMPE

0.28 uM GaX..B CHOSEN FROM THE FOLLOWING:

GaXB

GaXXB

GaXXXB

Ga(XXXB)2

EXAMPLE OF T_4 ASSAY WITH AMBRIBIOSENSOR

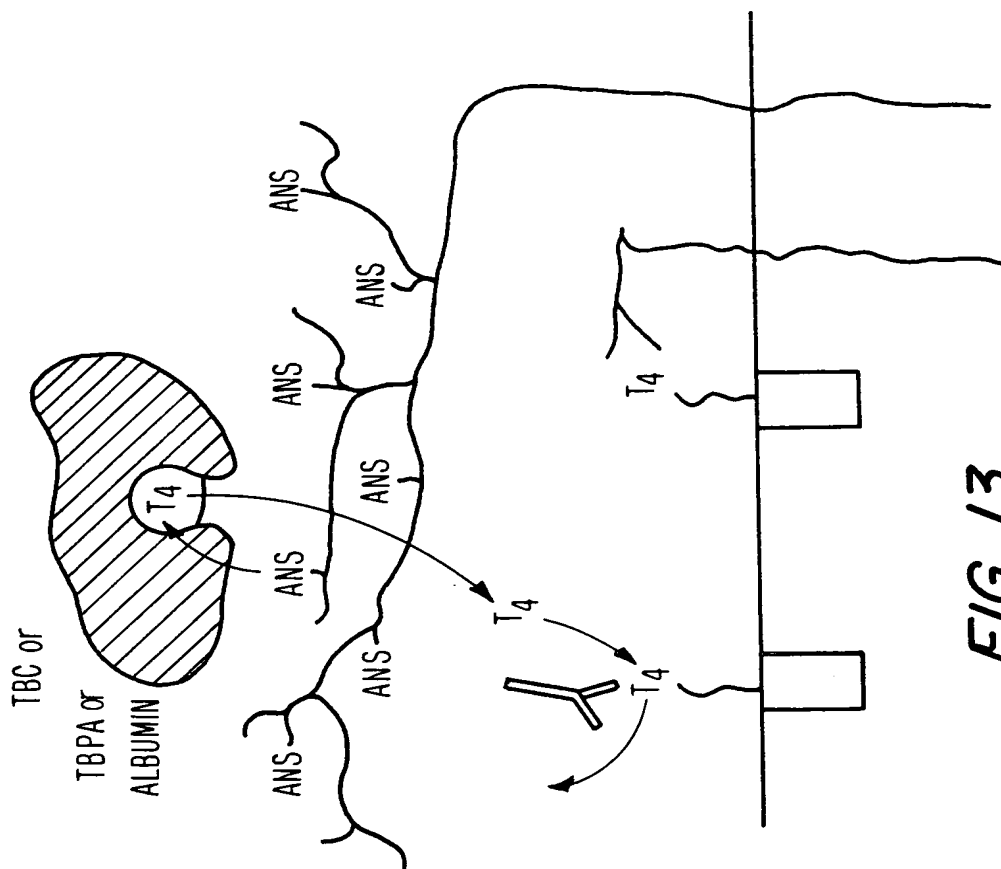
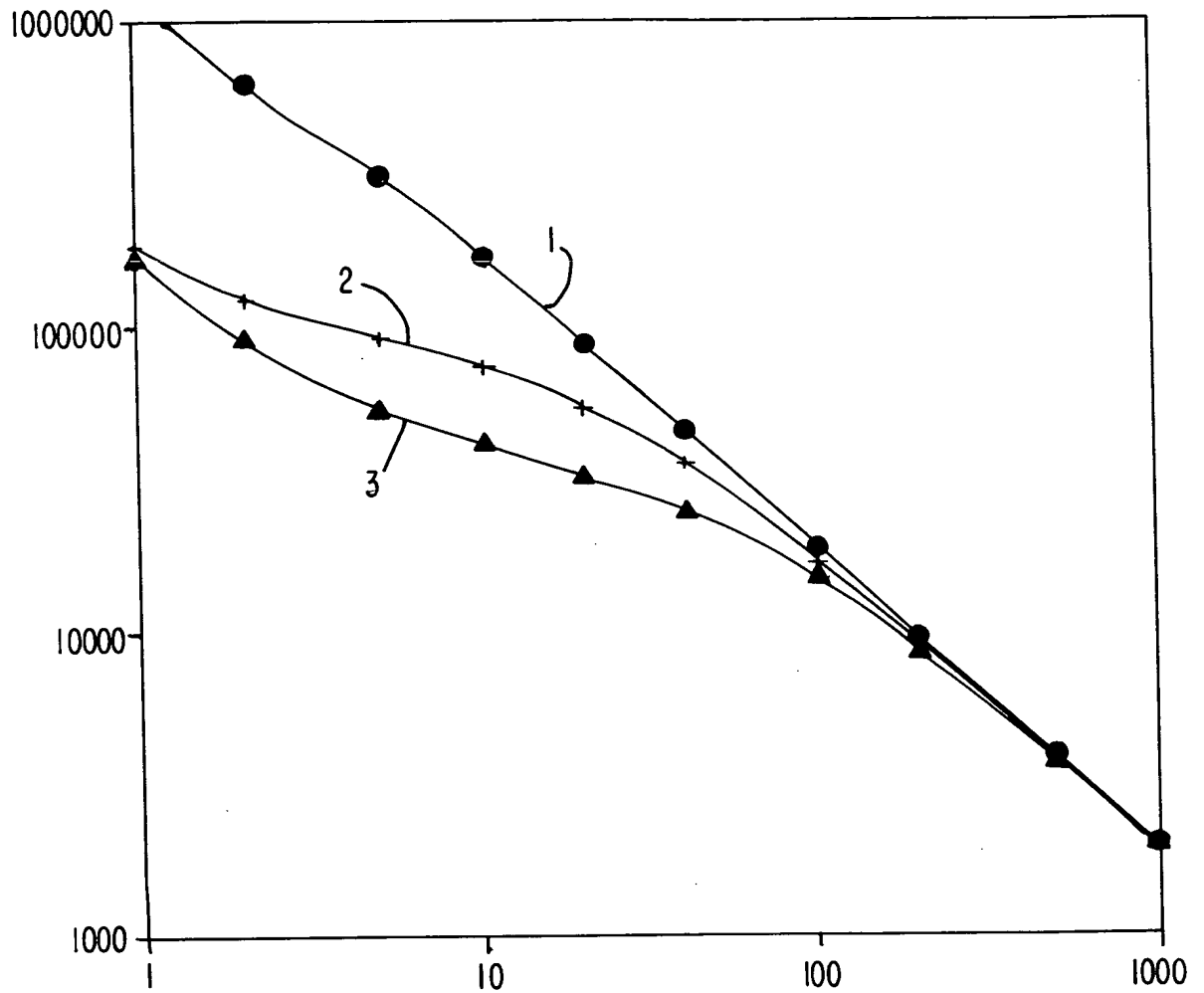
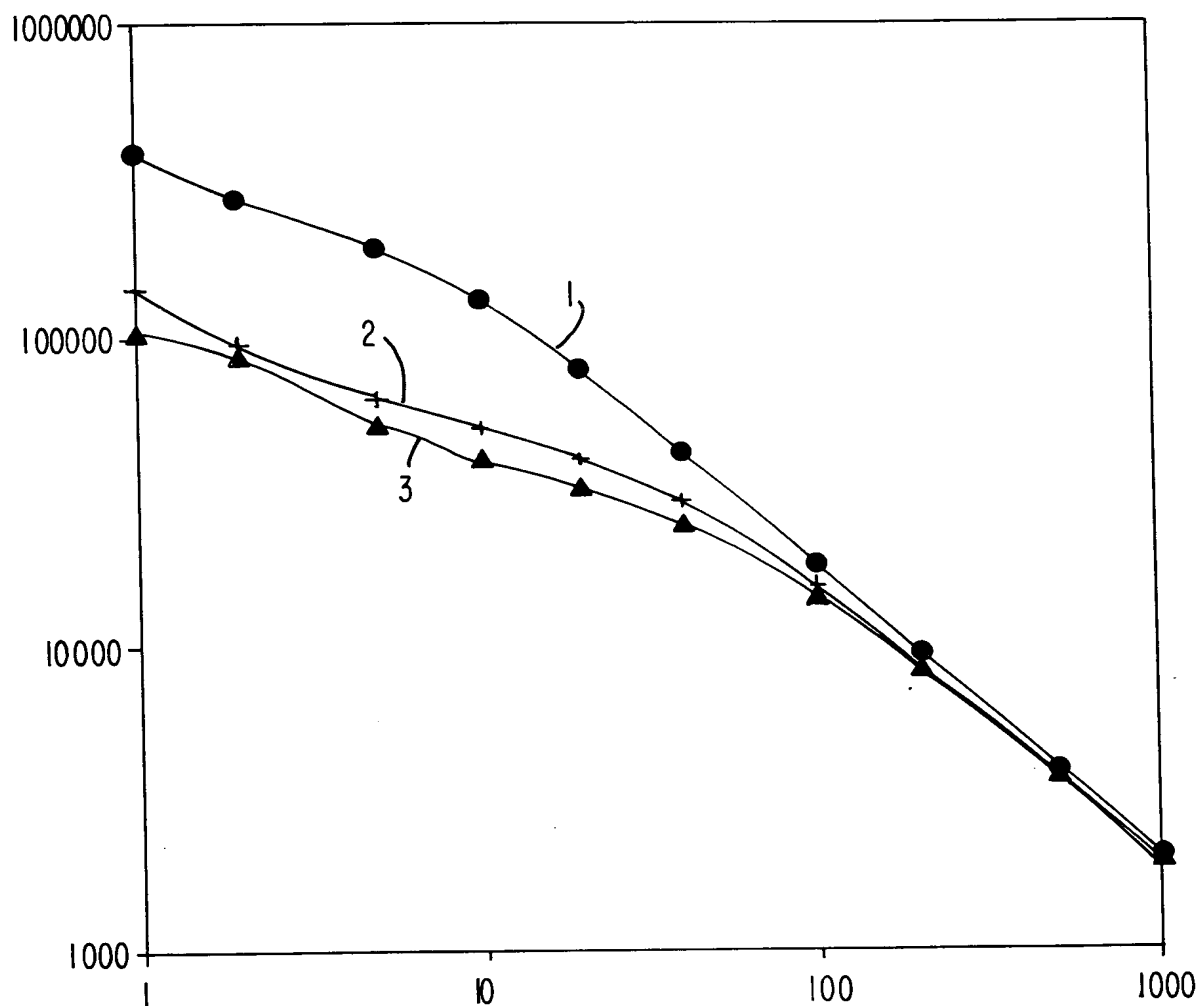


FIG. 13

FIG. 14



- (1) BEFORE THE ADDITION OF GRAMICIDIN/SDS
 (2) AFTER THE ADDITION OF GRAMICIDIN/SDS; STREPTAVIDIN AND BIOTINYLATED FAB'
 (3) AFTER THE ADDITION OF FERRITIN

FIG. 15

- (1) BEFORE ADDITION OF GRAMICIDIN /STREPTAVIDIN
 (2) AFTER ADDITION OF GRAMICIDIN/STREPTAVIDIN AND BIOTINYLATED FAB'S
 (3) AFTER ADDITION OF TSH